

Date: Wednesday, 22/04/2009 3:12:38 PM  
 User: Julie Dawson

## Process Sheet

|  |  |
|--|--|
| <b>Customer</b> : CC-DAR01 Dart Aerospace Ltd.         | <b>Drawing Name</b> : D3319-3                              |
| <b>Job Number</b> : 47383                              |  |
| <b>Estimate Number</b> : 10804                         |  |
| <b>P.O. Number</b> :                                   | <b>Part Number</b> : D33193                                |
| <b>This Issue</b> : 22/04/2009 <b>S.O. No.</b> :       | <b>Drawing Number</b> : R09-049                            |
| <b>Prsht Rev.</b> : NC                                 | <b>Project Number</b> :                                    |
| <b>First Issue</b> : / / <b>Type</b> : SMALL /MED FAB  | <b>Drawing Revision</b> :                                  |
| <b>Previous Run</b> : 00015                            | <b>Material</b> :  |
| <b>Written By</b> :                                    | <b>Due Date</b> : 29/04/2009 <b>Qty:</b> 3 <b>Um:</b> Each |
| <b>Checked &amp; Approved By</b> : <u>JLD 09.04.22</u> |  |
| <b>Comment</b> :                                       |  |

## Additional Product

Job Number:



| Seq. #: | Machine Or Operation: | Description : |
|---------|-----------------------|---------------|
|---------|-----------------------|---------------|

|     |        |           |
|-----|--------|-----------|
| 1.0 | D33193 | Wearplate |
|-----|--------|-----------|



**Comment:** Qty.: 1.0000 Each(s)/Unit Total : 3.0000 Each(s)

Wearplate

Original B46859 qty 3

46859

|     |     |                              |
|-----|-----|------------------------------|
| 2.0 | QC5 | INSPECT WORK TO CURRENT STEP |
|-----|-----|------------------------------|



**Comment:** INSPECT WORK TO CURRENT STEP

209-04-22 (3)

|     |             |                       |
|-----|-------------|-----------------------|
| 3.0 | PACKAGING 1 | PACKAGING RESOURCE #1 |
|-----|-------------|-----------------------|



**Comment:** PACKAGING RESOURCE #1

-Re-identify the parts with the new batch # and return to stock

-Location: 497

9/4/02

(2)

SEP

|     |      |                              |
|-----|------|------------------------------|
| 4.0 | QC21 | FINAL INSPECTION/W/O RELEASE |
|-----|------|------------------------------|



**Comment:** FINAL INSPECTION/W/O RELEASE

09/05/28

Job Completion



MF  
09-05-28

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

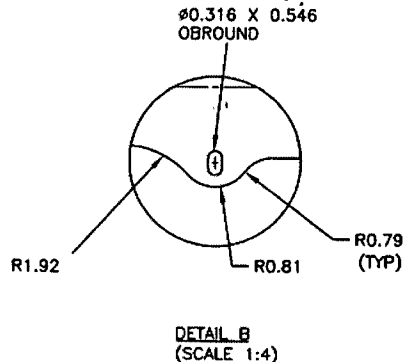
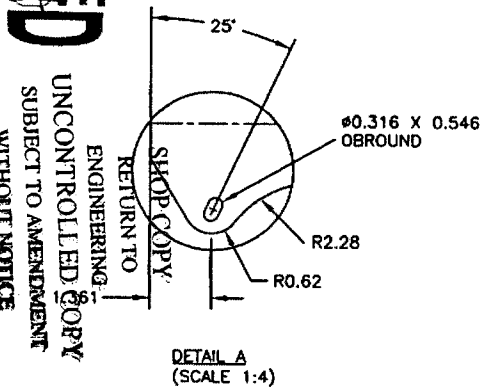
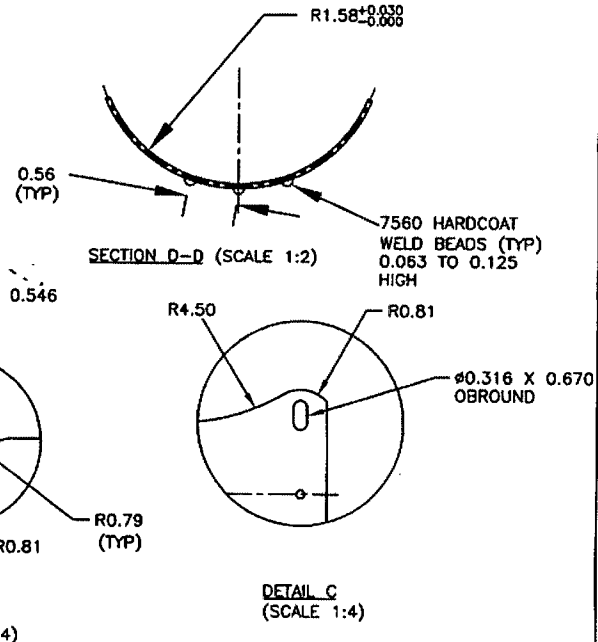
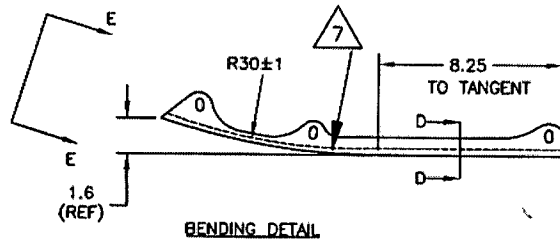
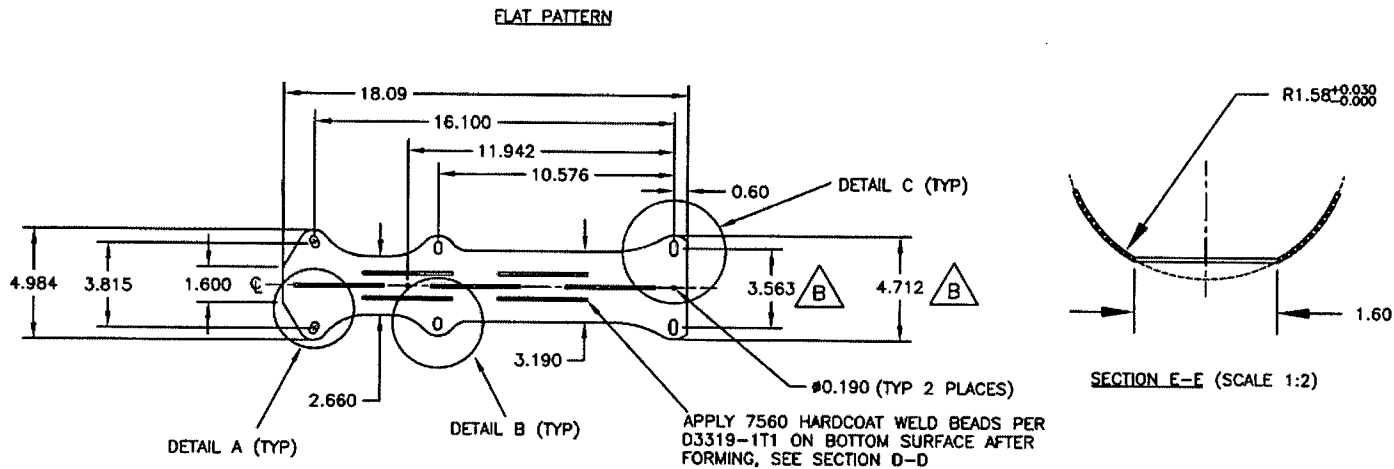
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

**DART**



**D3319-1 WEARPLATE**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 18 GAUGE (0.048 THICK)
- 2) FINISH: POWDER COAT GREY SANDTEX (REF.4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) PART IS SYMMETRICAL ABOUT CENTERLINE
- 5) ALL DIMENSIONS IN INCHES
- 6) WELD PER DART QSI 004
- 7) IDENTIFY ON INSIDE SURFACE AS INDICATED USING FINE POINT PERMANENT INK MARKER:  
"TCCA-PDA, DART AEROSPACE LTD., P/N D3319-1 B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA05-18"

| DESIGN   | DRAWN BY  | DART AEROSPACE LTD                 |
|----------|-----------|------------------------------------|
| P41      | P41       | HAWKESBURY, ONTARIO, CANADA        |
| CHECKED  | APPROVED  | DRAWING NO.                        |
|          |           | D3319                              |
| DATE     | TITLE     | SCALE                              |
| 05.06.06 | WEARPLATE | 1:8                                |
| REV.     | DATE      | DESCRIPTION                        |
| A        | 04.09.24  | NEW ISSUE                          |
| B        | 05.06.06  | WIDEN HOLES, REDUCE WIDTH -3/-5/-7 |

**RELEASED**  
05.07.30

WORK ORDER  
NO. 1283

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| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

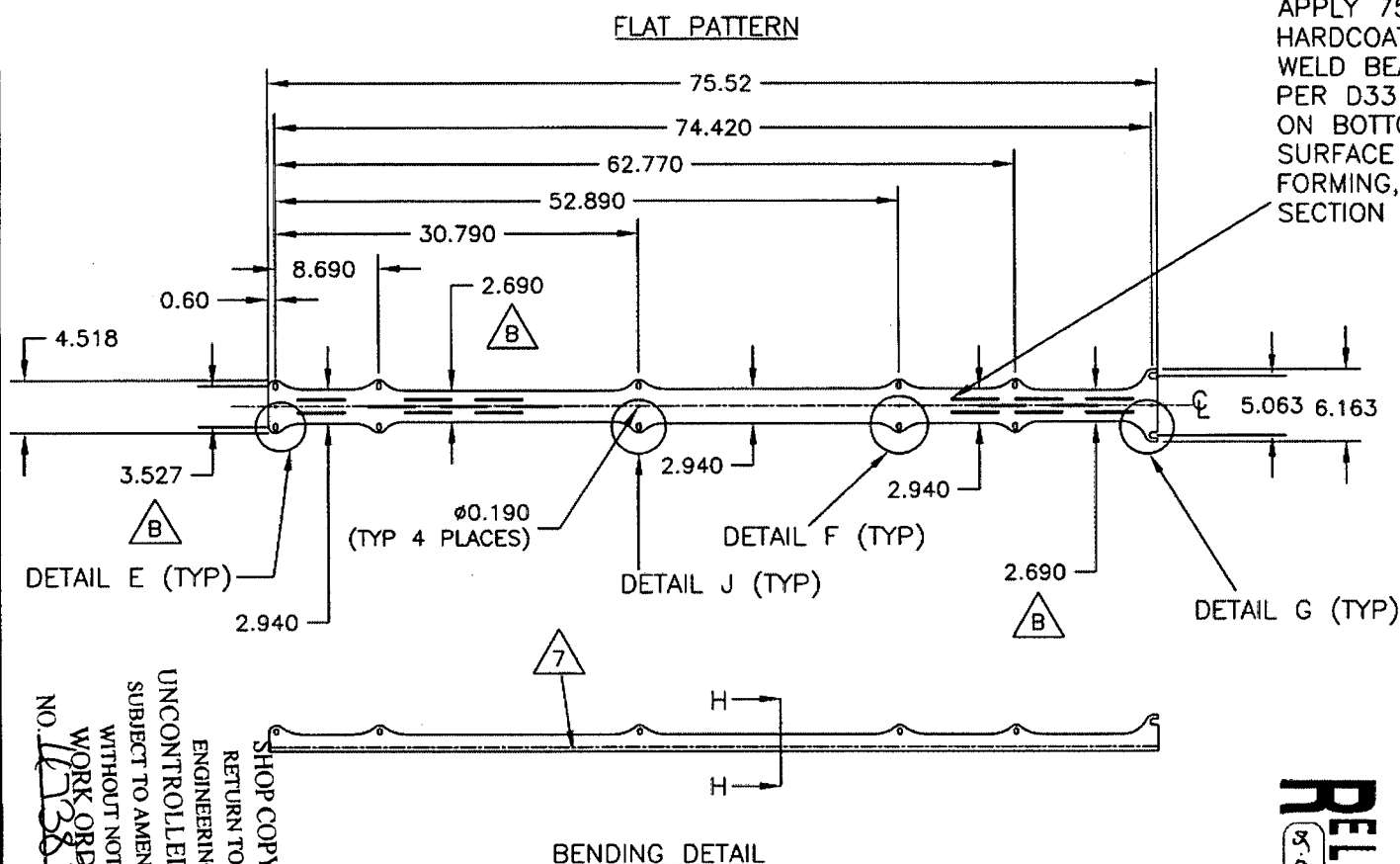
| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

**DART**

|         |          |             |           |                             |
|---------|----------|-------------|-----------|-----------------------------|
| DESIGN  | 04       | DRAWN BY    | 04        | DART AEROSPACE LTD          |
| CHECKED | 04       | APPROVED    | 04        | HAWKESBURY, ONTARIO, CANADA |
| DATE    | 05.06.06 | DRAWING NO. | D3319     | REV. B                      |
|         |          | TITLE       | WEARPLATE | SHEET 2 OF 5                |
|         |          |             |           | SCALE                       |
|         |          |             |           | 1:15                        |

APPLY 7560  
HARDCOAT  
WELD BEADS  
PER D3319-3T1  
ON BOTTOM  
SURFACE AFTER  
FORMING, SEE  
SECTION H-H



**D3319-3 WEARPLATE**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 18 GAUGE (0.048 THICK)
- 2) FINISH: POWDER COAT GREY SANDTEX (REF.4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) PART IS SYMMETRICAL ABOUT CENTERLINE
- 5) ALL DIMENSIONS IN INCHES
- 6) WELD PER DART QSI 004
- 7) IDENTIFY ON INSIDE SURFACE AS INDICATED USING FINE POINT PERMANENT INK MARKER:  
"TCCA-PDA, DART AEROSPACE LTD., P/N D3319-3 B/N BXXXXX,  
FOR PRODUCT ELIGIBILITY SEE PDA05-18"

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WORK ORDER  
NO. 1238

**RELEASED**  
05.01.50

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |



Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

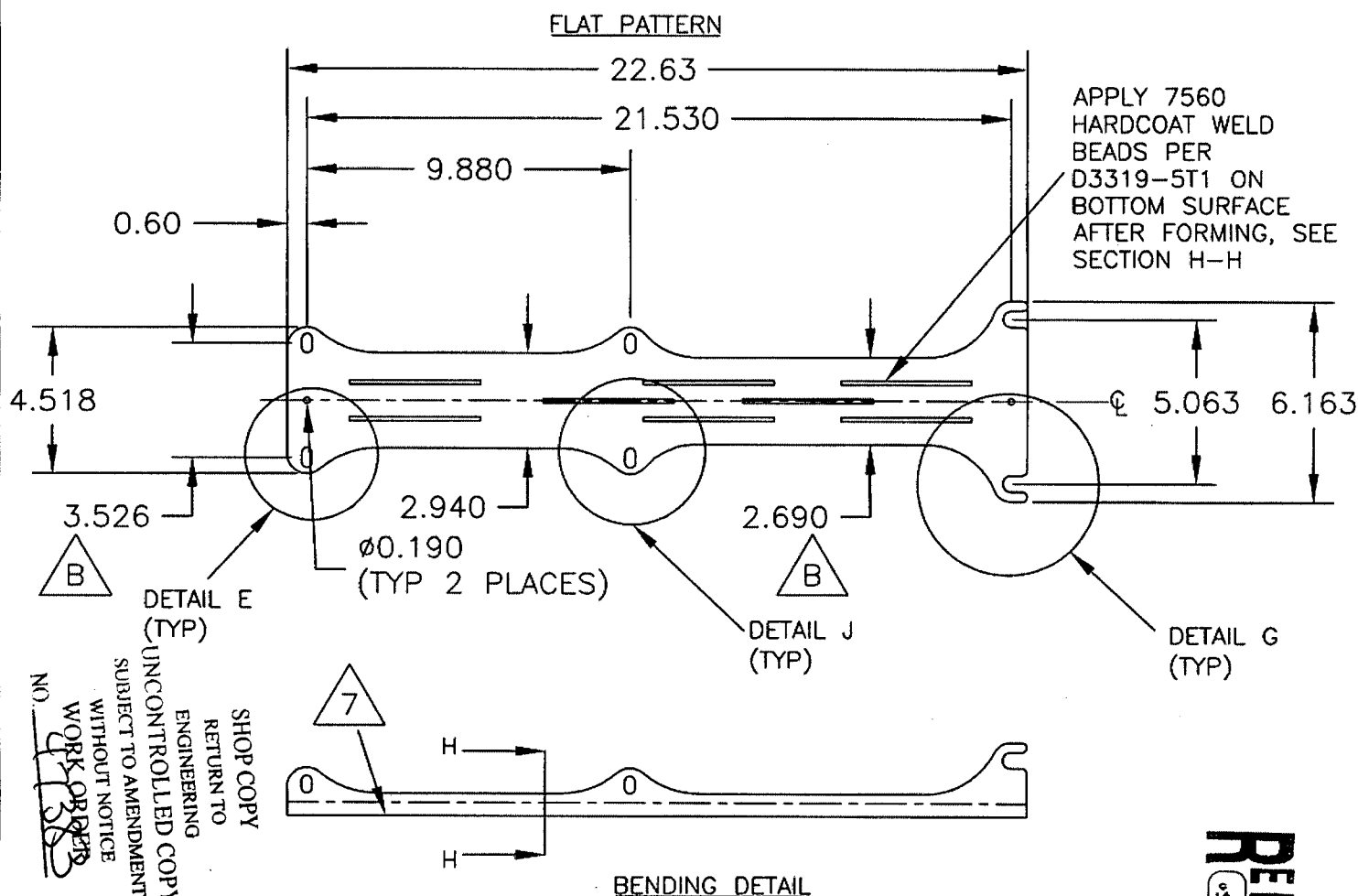
| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

**PORT AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

|  |   |  |                        |
|--|---|--|------------------------|
| DESIGN<br>D41  | DRAWN BY<br>D44   | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA |                        |
| CHECKED<br> | APPROVED<br> | DRAWING NO.<br>D3319                                     | REV. B<br>SHEET 3 OF 5 |
| DATE<br>05.06.06   |   | TITLE<br>WEARPLATE                                       | SCALE<br>1:5           |

05-09-30



D3319-5 WEARPLATE

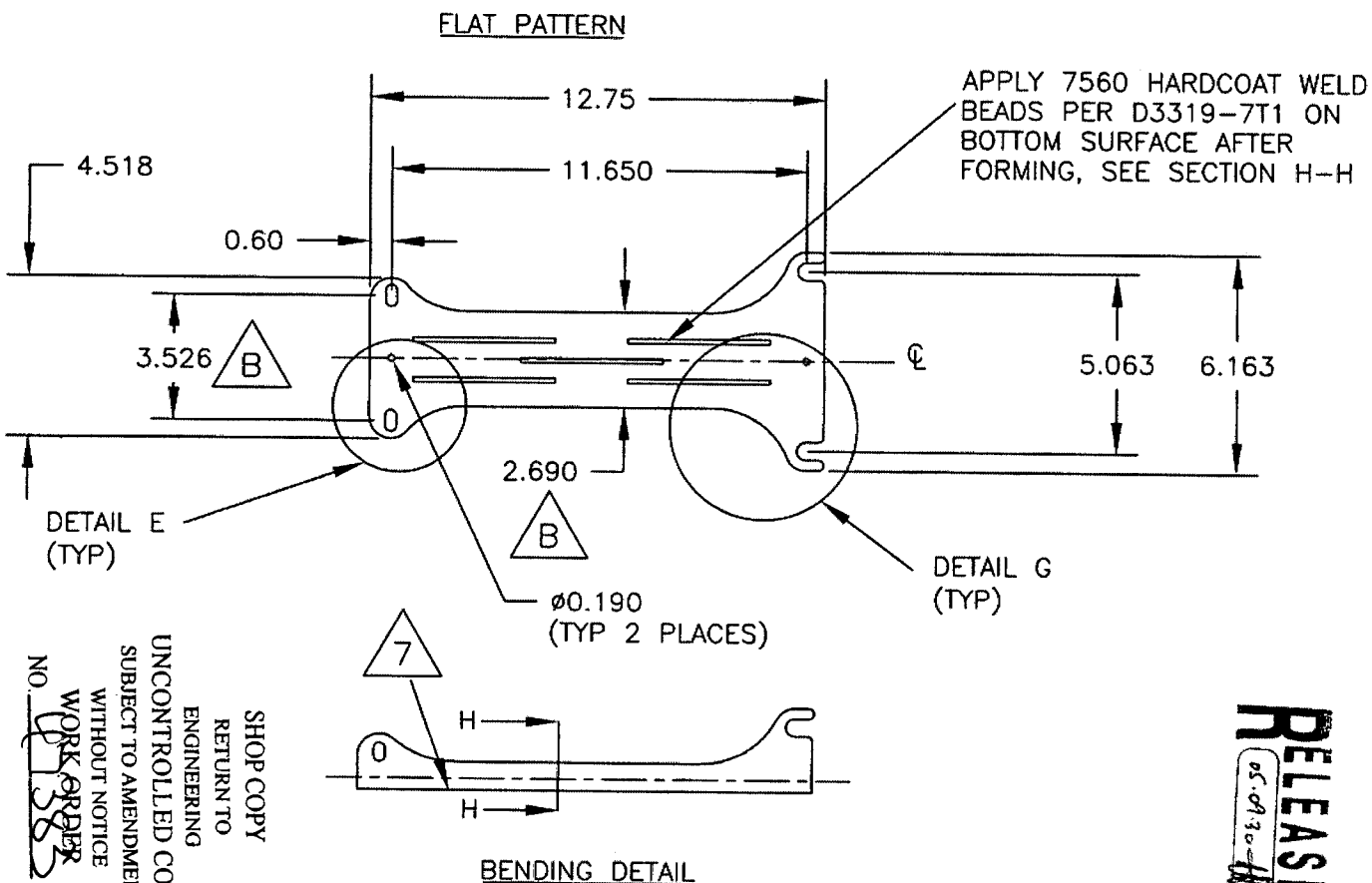
- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21,  
38W/44W/50W/60W/70W SERIES STEEL 18 GAUGE (0.048 THICK)
- 2) FINISH: POWDER COAT GREY SANDTEX (REF.4.3.5.6) PER DART QSI 005 4.3
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- 6) WELD PER DART QSI 004
- 7) IDENTIFY ON INSIDE SURFACE AS INDICATED USING FINE POINT PERMANENT INK MARKER:  
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| CHECKED | CH       | APPROVED  | CH    | HAWKESBURY, ONTARIO, CANADA |
| DATE    | 05.06.06 | TITLE     | D3319 | REV. B                      |
|         |          | WEARPLATE |       | SHEET 4 OF 5                |
|         |          |           |       | SCALE 1:5                   |

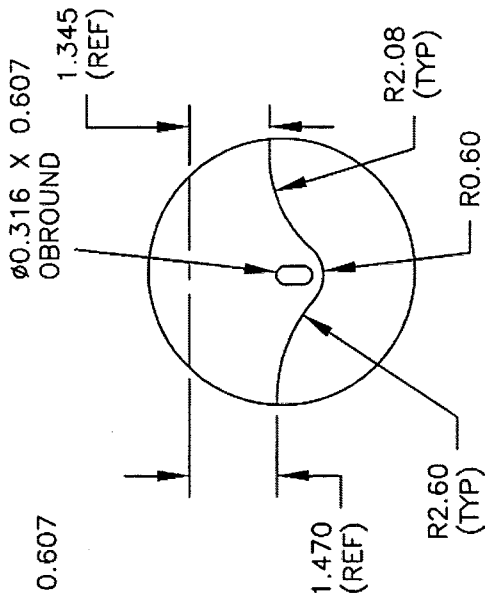
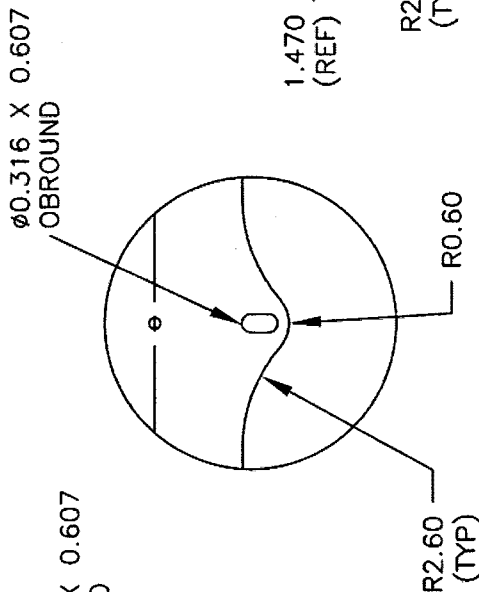
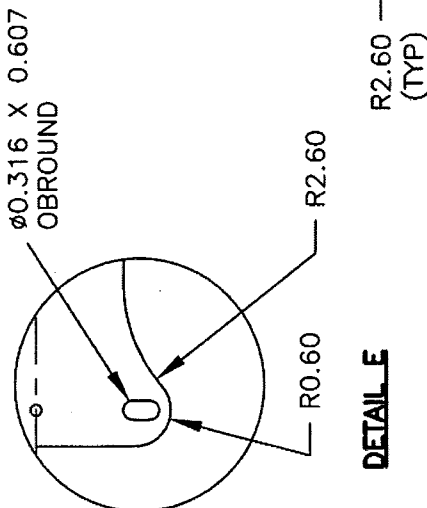
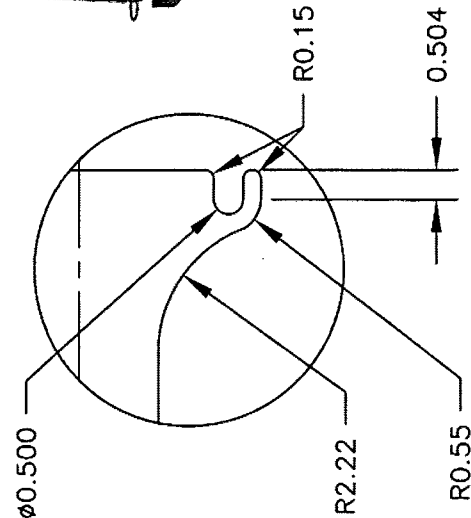
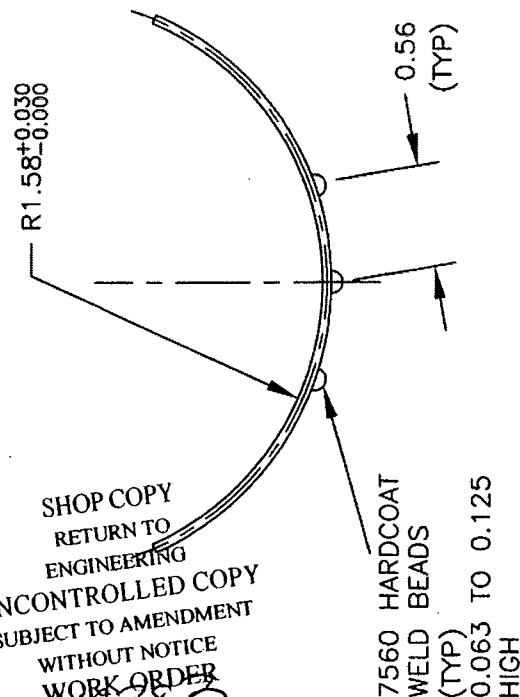
**RELEASED**  
05.09.30-11**D3319-7 WEARPLATE**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 18 GAUGE (0.048 THICK)
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"TCCA-PDA, DART AEROSPACE LTD., P/N D3319-7 B/N BXXXXX,  
FOR PRODUCT ELIGIBILITY SEE PDA05-18"



**DART**

|                        |                         |   |                        |
|------------------------|-------------------------|---|------------------------|
| DESIGN<br>PH           | DRAWN BY<br>PH          | DART AEROSPACE LTD<br>HAWKESBURY, ONTARIO, CANADA |                        |
| CHECKED<br>[Signature] | APPROVED<br>[Signature] | DRAWING NO.<br>D3319                              | REV. B<br>SHEET 5 OF 5 |
| DATE<br>05.06.06       |                         | TITLE<br>WEARPLATE                                | SCALE<br>1:3           |

**RELEASED**  
05.09.30**DETAIL J****DETAIL F****DETAIL E****DETAIL G****SECTION H-H  
(SCALE 1:1)**

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